

7C

CCTCCGAGAACGGTCT

CCCTGCTACACGGGAGCAGCTC

TACCAAGAGATCCTGAAGGAG

SECRET

GCAATCAGCGGCAAGGCTGGC

[illegible][illegible]

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.....

A = SEQ ID NO: 1
D = SEQ ID NO: 2

ING2: AAAGCGTTCTCGGCGGCAGCGCAACAACCTAGAACCGTGAGAACGCGTCCAGCAACCGCGACCCACGACGACGTCA 75
 ING1 (D): C.....C..A.....G.....A.....G.G
 ING2: CCTCGGGCACGCCCAAGGAGAAGAAAGCCAGACCTCTAAGAAGAAGCAGGGCTCCATGGCCAAGGCGTAGCGGC 150
 ING1 (D):A.....G...A.....C.....A..C.....A.....G...AG
 ING2: AGGCGTCCCCCGCAGACCTCCCCATCGACCCAGCGAGCCCTCCTACTGG-----G 201
 ING1 (D):T..C.....A...A...A.G....TCTGTGCAACCAGGTCTCCTATGGG.
 ING2: AGATGATCCGCTGCGACAACGAA---TGCCCATCGAGTGGTTCGCTTCTCGTGTGTGAGTCTCAACCATAAAC 273
 ING1 (D):G.....CGAG.....A.....C...G.G....T.....
 ING2: CAAAGCGCAAGTGGTACTGTTCAGATGCCGGGGAAGAACGA-----TGGGCAAAGCCCTTGAGAAGTCCA 340
 ING1 (D): .C...G.....C...AG.....GG.....GAAGACCA...A.....GGA...A...
 ING2: GAAAAAAACAGGGCTTATAACAGTAGTTTGGGGACATGCGTCTAATAGTGAGGAGAACAAATAAGCCAGTGT 415
 ING1 (D): ---...G.G.....C.....T....G...C..GG.-.....C.....A.....
 ING2: GTTGATTACATTGCCACCTTTGCTGAGGTGAGGAAGTGTAATGTATATTTTAAAGAATGTTGTTAGAGGCC 490
 ING1 (D): A..T.....TG.....T.....A.G.....AGA.A...AA
 ING2: GGGCGCGGTGGCTCACGCTGTATCCAGCACTTTGGGAGGCCGAGGCGGTGCGATCAGAGGTCAGGAGATCG 565
 ING1 (D): CCATT..CT..TCA..AGG..A...GC..GTGATT..TG....CCTTTTGTTTT..AT.G.T...T.TAACAAGA..AGT
 ING2: AGACCATCCTGGCTAACACGCTGAACCCCGTCTCTACTAAAAATTCAAAAAAAAAAATTAGCTGGGCGTGGTGGC 640
 ING1 (D): G.T..TG..GGATCAGC..TTTAA...TA..AAA..A..GGTTG....C..CTT..G..CTCAGACTGA..TTCTTG
 ING2: GGGCGCCTGTAGTCCCAGCTATTGGGAGGCTGAGGCAGGAGAATGGCNTGAACCTGGGAGGTGGAGCTTGCANT 715
 ING1 (D): C..GAGGAGGG..GA..T..AACTCA..CCT..ACACATTAA..TGT..G..A...AAAAT..TTTCATTA..CTTTT..ATTTTA
 ING2: GAGCCAAGGTCGCGCCACTGCACTCCAGCCTGGGCGACAGAGCGAGACTCCATCTTA 772
 ING1 (D): ATA-....TAATATTATTACTTTATG..A..AATTTTTTTA..TT..GCCA..GTCG..CA.

ING2 = SEQ ID NO: 8
 ING1(D) = SEQ ID NO: 2 (part)

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1. The first part of the paper is devoted to a review of the literature on the topic. It starts with a general overview of the field, followed by a more detailed discussion of the specific issues at hand. The author then presents his own findings, which are based on a series of experiments. These findings are then compared with the results of previous studies, and the author discusses the implications of his work. Finally, the paper concludes with a summary of the main points and some suggestions for future research.

SEQ ID NO: 16

MKVSIPTKALELMDMQTFKAEPPEKPSAFEPAIEMQKSVPNKALELKNEQTLRADEILPSESQKQDYE
 ESSWDSESLCETVSQKDVCLPKATHQKEIDKINGKLEESPDNDGFLKAPCRMKVSIPTKALELMDMQT
 FKAEPPEKPSAFEPAIEMQKSVPNKALELKNEQTLRADQMFPSESQKQKVEENSWDSESLRETVSQKD
 VCVPKATHQKEMDKISGKLEDSTSLSKILDTVHSCERARELQKDHCEQRTGKMEQMKKKFCVLKKKLS
 EAKEIKSQLENQKVWEQELCSVRLTLNQEEEKRRNADILNEKIREELGRIEEQHRKELEVKKQOLEQA
 LRIQDIELKSVESNLNQVSHTHENENYLLHENCMLKKEIAMLKLEIATLKHQYQEKENKYFEDIKILK
 EKNAELQMTLKLKEESLTKRASQYSGQLKVLIAENTMLTSKLKEKQDKEILEAEIESHHPRLASAVQD
 HDQIVTSRKSQEPAFHIAGDAQLQRMNVDSSTDI.

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SEQ ID NO: 2

GAGTAACCCGATAATATGCCGTTGTGCACGGCGACGAGAATTCACAGATATAGCAGTAGCAGTGATCCCGGGCCCT
GTGGCTCGGGGCGGGGCTGCAGTTCGGACCGCCTCCCGCGACCCGCGGGGCGGGCTCGGAGACAGTTTCAGGCC
GCATCTTTGCTGACCCGAGGGTGGGGCCGCGCGTGGCCGTGGAAACAGATCCTGAAGGAGCTAGACGAGTGCTAC
GAGCGCTTCAGTCGCGAGACAGACGGGGCGCAGAAGCGGCGGATGCTGCACTGTGTGCAGCGCGCGCTGATCCGC
AGCCAGGAGCTGGGCGAGAGAAGATCCAGATCGTGAGCCAGATGGTGGAGCTGGTGGAGAACCACGCGGCAAGGTTGGC
GTGGACAGCCACGTGGAGCTGTTCGAGGCGCAGCAGGAGCTGGGCGACACAGTGGGCAACAGCGGCAAGGTTGGC
GCGGACAGGCCAATGGCGATGCGGTAGCGCAGTCTGACAAAGCCCAACAGCAAGCGCTCACGGCGGCAGCGCAAC
AACGAGAACCCTGAGAACGCTCCAGCAACCACGACCACACGACGGCGCCTCGGGCACACCCAAGGAGAAGAAG
GCCAAGACCTCCAAGAAGAAGAACGCTCCAAGGCCAAGCGGAGCGAGAGGCGTCCCCTGCCGACCTCCCCATC
GACCCCAACGAACCCACGTACTGTCTGTGCAACCAGGTCTCCTATGGGGAGATGATCGGCTGCGACAACGACGAG
TGCCCCATCGAGTGGTTCCACTCTCTGTCGCTGGGGCTCAATCATAAACCCAAGGGCAAGTGGTACTGTCCCAAG
TGCCGGGGGGGAGAACGAGAAGACCATGGACAAAGCCCTGGAGAAATCCAAAAAGAGAGGGCTTACAACAGGTAG
TTTGTGGACAGGCGCCTGGTGTGAGGAGGACAAATAAACCCTGTATTTATTACATTGCTGCCTTTGTTGAGGTG
CAAGGAGTGTAAATGTATATTTTTAAAGAATGTTAGAAAAGGAACCATTCCTTTATAGGGATGGCAGTGATTC
TGTTTGCCTTTTGTTCATTGGTACAGCTGTAAACAGAAAGTGGTCTGTGGATCAGCATTTTAGAAACTACAAA
TATAGGTTTGATTCAACACTTAAGTCTCAGACTGATTTCTTGCGGGAGGAGGGGGACTAAACTCACCCTAACACA
TTAAATGTGGAAGGAAAATATTTTATTAGCTTTTTTATTTTAAATACAAAGTAATATTATTACTTTATGAACAATTT
TTTTTAATTGGCCATGTGCGCAAAAATACAGCCTATAGTAAATGTGTTTCTTGTGCCATGATGTATATCCATAT
AACAAATTCAGTAACAAAGGTTTAAAGTTTGAAGATTATTTTTTAAAGGTTAAAGGTTAAATTTTACATGACAG
ATATTTTATCTATTGGCCTGTTCGCCAATGGCCATTTTAAATGCTTGGGTACACTTCTCTTAAGTGGTCTAGT
CAAGGAACCTCAAGTCATGCTTTTGCTATACCAATCATAGTGTACCCATCTTTAATTTATATCAGGTGTATAAA
TGTACATTTCCAAATGAACCTGCACTGTAAATATTATAATTGGAAGTGCAGTCAGCAGTAGCTGTGCGGAGCTAATG
TCACAATTATGTGCAAAGGTGTGCTTCTGTATGTGAGCTGTAAAAATGTTACGTGAAGAAATAAATGAAAC
TTGGCCAGTTTGTTCCTCTAGTAGTATATTTAATTTTGACATAAGTAACTTTTAAAAATTTGTCTTAAAAATTTAT
ACACCAGCAATTTAGACAAAGCCTTAAGCAATTTTGTATTATTGTTCTCACTTATTATTAATAATGAAGTAGAA
GTTACTTAATTGCCAGCAATAAATACGTGTCAAAAAAGAAATCTGTATTACAGACCCCTGGGGTCAGGAAATTACT
GCCCCACTTGTCAGTTTCAGCCACCATCTGTTTGAACATTATATGAAGTTTAAATTTCTAGTGTCCATAAATAAA
GTTTCAGCGGCACCCCAAAAAAAAAAAAAAAAAAAAA

gi|2183221|gb|AAB60879.1| p33ING1 (SEQ ID NO: 17)
MPLCTATRIPRYSSSDPGPVARGRCSSDRLPRPAGPARRQFOAASLLTRGWGRAWPWKQILKELDECY
ERESRETDAQKRRLHCVQRALIRSQELGDEKIQIVSQMVELVENRTRQVDHVELFEAQOQELGDTVGN
SGKVGADRPNGDAVAQSDKPNKRSRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAE
REASPADLPIDPNEPTYCLNQVSYGEMIGCDNDECPIEFHFSCVGLNHHKPKGKWYCPKCRGENEKTMD
KALEKSKKERAYNR

D:	MPLCTATRIPTYSS	15
A:	MLSPANGELHLVNYVEDYLDSESLPFDLQNVSLMREIDAKYQEILKELDECYERFSRETGAQKRRMLHCVQ	75
B:	MLHCVQ	6
C:	MEILKELDECYERFSRETGAQKRRMLHCVQ	31
D:	SDPGPVARGRGCSDDLPRPAGPARROFQAASLLTRGWRAWPWKQILKELDECYERFSRETGAQKRRMLHCVQ	90
A:	RALIRSQELGDEKIQIVSQMVLENRTQVDSHVELFEAQQELGDTVGN SGKVGADRPNGDAVAQSDKPN SKRS	150
B:	RALIRSQELGDEKIQIVSQMVLENRTQVDSHVELFEAQQELGDTVGN SGKVGADRPNGDAVAQSDKPN SKRS	156
C:	RALIRSQELGDEKIQIVSQMVLENRTQVDSHVELFEAQQELGDTVGN SGKVGADRPNGDAVAQSDKPN SKRS	106
D:	RALIRSQELGDEKIQIVSQMVLENRTQVDSHVELFEAQQELGDTVGN SGKVGADRPNGDAVAQSDKPN SKRS	165
A:	RRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIG	225
B:	RRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIG	231
C:	RRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIG	161
D:	RRQRNNENRENASSNHDHDDGASGTPKEKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIG	240
A:	CDNDECPIEFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR.	279
B:	CDNDECPIEFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR.	210
C:	CDNDECPIEFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR.	235
D:	CDNDECPIEFHFSCVGLNHKPKGKWYCPKCRGENEKTMDKALEKSKKERAYNR.	294

A = SEQ ID NO. 5
 B = SEQ ID NO. 6
 C = SEQ ID NO. 7
 D = SEQ ID NO. 17

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